

ABSTRACT

A solid shear panel for supporting a structure having an upper edge, a lower edge and two side edges. The upper edge 5 is secured to a horizontal double plate mounted beneath a beam underneath a floor surface of a structure, while the lower edge rests on a sill plate above ground level. The shear panel contains a plurality of vertically extending support posts having the same length. Sawn lumber, laminated 10 wood, engineered wood, a metal such as steel or another suitable construction material can be utilized to form the support posts. Two steel plates press against the side edges of the shear panel and thereby compact the support posts together into a solid grouping of posts. A plurality of 15 horizontally extending connecting bolts hold the posts together near the upper and lower edges of the shear panel.